

Welcome

En Route Modeling Workshop

and

FACET User Group

Free Flight Main Conference Room

March 12th - 13th, 2003



Agenda – Day 1

- ☐ • 8:30 Introductions
- ☐ • 8:50 Modeling Background (Steve Bradford)
- ☐ • 9:05 Free Flight Metrics (Dave Knorr and Dan Howell)
- ☐ • 9:40 Mitre CAASD (George Solomos)
- ☐ • 10:20 CSSI (Willie Weiss)
- ☐ • 10:50 Break
- ☐ • 11:00 FAA Technical Center (Doug Baart); Aerospace Engineering (Lonnie Bowlin)
- ☐ • 11:35 FAA's Investment Analysis (Dan Citrenbaum)
- ☐ • 12:00 Noon LUNCH
- ☐ • 1:00 NEXTOR (Avijit Mukherjee)
- ☐ • 1:30 Boeing ATM
- ☐ • 2:05 LMI (Virginia Stouffer)
- ☐ • 2:35 CENA-France (Benoit Rulleau)
- ☐ • 3:05 Break
- ☐ • 3:20 Metron Aviation (Dan Rosman)
- ☐ • 3:50 Discussion
- ☐ • 4:30 Conclude Day 1

Agenda – Day 2

- ☐ • 8:30 AM Overview and demo of FACET capabilities (Banavar Sridhar and Kapil Sheth)
- ☐ • 9:30 AM Simulation studies of airborne self-separation (Karl Bilimoria)
- ☐ • 10:30 Break
- ☐ • 10:45 Presentation by Optimal Synthesis (Menon and Cheng)
- ☐ • 11:15 Presentation by Volpe (James Hill)
- ☐ • 12:00 LUNCH
- ☐ • 1:00 Discussion
- ☐ • 2:30 Conclude Day 2

Discussion Points

- ☐ • Importance of modeling in future benefit projections
- ☐ • Need for ONE “approved” model for all FAA Investment Decisions???
- ☐ • Verification of model results
- ☐ • Importance of consistency of results across models
- ☐ • Value of modeling with and without underlying sector limitations
- ☐ • Efficiency versus capacity modeling
 - i.e. direct routes versus increased sector capacity
- ☐ • Realistic modeling versus optimization modeling
- ☐ • Adaptability of model to new situations and techniques